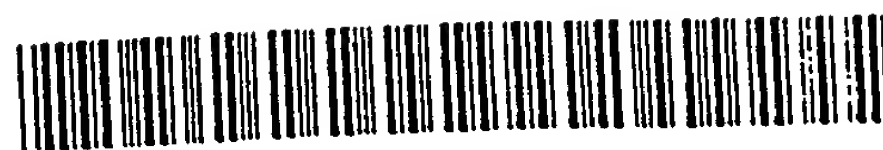


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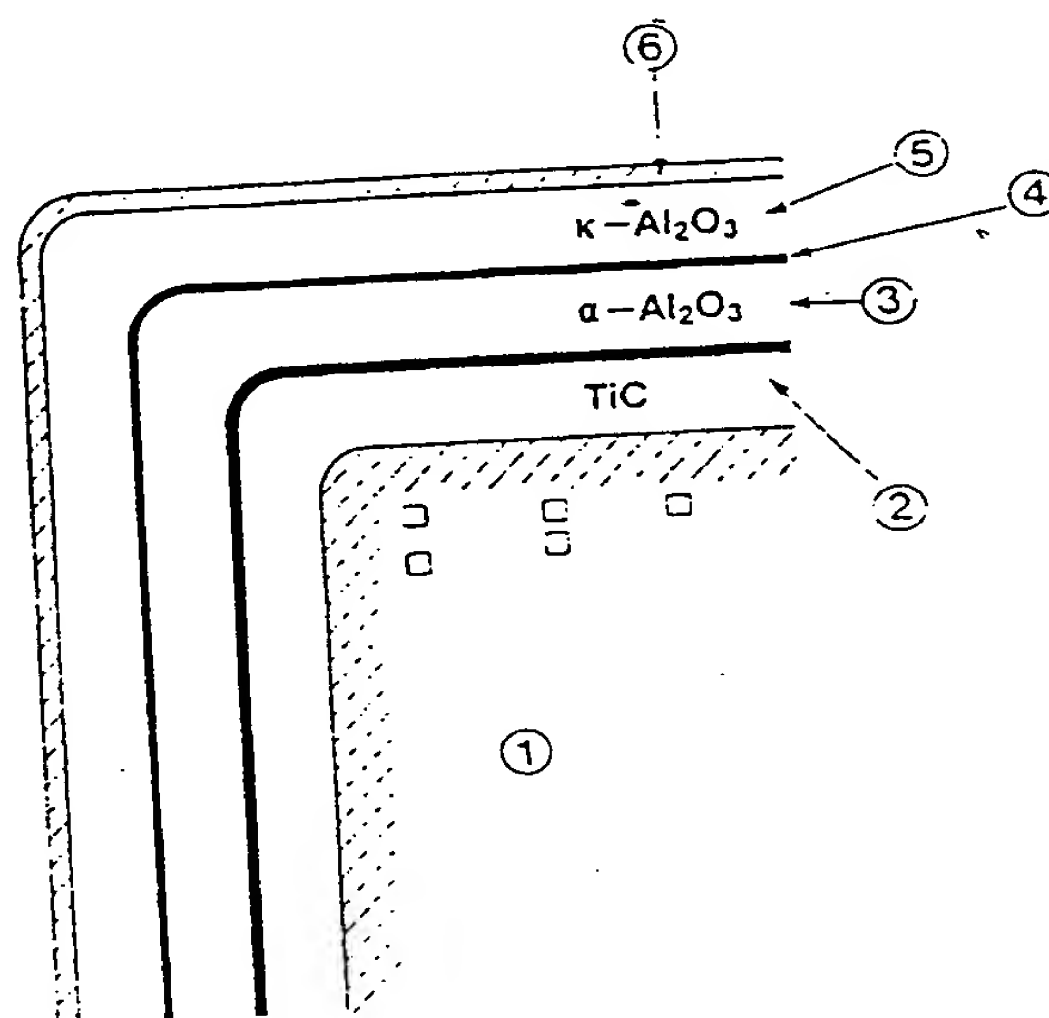
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S-811 81 Sandviken 1(SE)(54) **Multi-oxide coated carbide body and method of producing the same.**

(57) Improved properties of aluminum oxide wear layers on cemented carbides and related substrates can be obtained by combining the two alumina polymorphs (α - Al_2O_3 and κ - Al_2O_3) as multilayers. The nucleation of α - Al_2O_3 and κ - Al_2O_3 can be controlled by means of modification layers. According to this invention, it is thus possible to CVD-deposit an oxide multicoating layer consisting of clearly specified layers of α - Al_2O_3 and κ - Al_2O_3 . Preferably, α - Al_2O_3 is deposited first by CVD on a TiC coated cemented carbide substrate followed by the said coating layer of κ - Al_2O_3 .

Fig.3



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